(11) **EP 1 337 010 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 11.05.2005 Bulletin 2005/19

(51) Int Cl.7: **H01R 13/658**, H01R 13/514

(43) Date of publication A2: **20.08.2003 Bulletin 2003/34**

(21) Application number: 03250887.1

(22) Date of filing: 13.02.2003

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PT SE SI SK TR
Designated Extension States:

AL LT LV MK RO

(30) Priority: 18.02.2002 JP 2002039540

(71) Applicant: Tyco Electronics AMP K.K. Kawasaki, Kanagawa 213-8535 (JP)

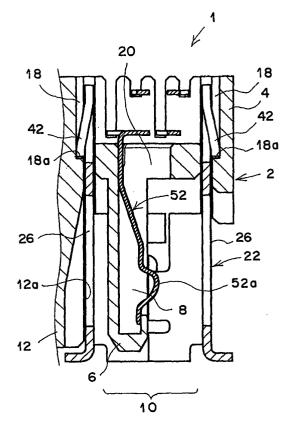
(72) Inventor: Toda, Shinsaku Isehara, Kanagawa 259-1135 (JP)

 (74) Representative: Johnstone, Douglas Ian et al Baron & Warren,
 19 South End, Kensington London W8 5BU (GB)

(54) Shielded connector assembly

(57)A shielded connector assembly (1) having shield shells (22) each mounted to separately shield connector portions (10) of an integrally formed insulative housing (2). Side walls (26) of the shield shells (22) are positioned within slots of the housing (2). Latch tongues (42) of the side walls (26) engage shoulders (18a) of the housing (2), and a latch tongue piece of an upper wall of each shield shell (22) engages a housing stopper portion. The shield shells (22) are accordingly prevented from being pulled out from the housing (2). The side walls (26) are supported so that movement perpendicular to partition walls (12) separating the connector portions (10) is prevented by the side walls (26) being positioned between support surfaces (12a) of the partition walls (12) and a base portion (4) of the housing (2). The connector assembly (1) has a small number of parts and a high resistance against prying forces exerted by another connector.

FIG.13





EUROPEAN SEARCH REPORT

Application Number EP 03 25 0887

	DOCUMENTS CONSIDERE	D TO BE RELEVANT	Γ			
Category	Citation of document with indicat of relevant passages	ion, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
A	US 6 224 422 B1 (ZHU Z 1 May 2001 (2001-05-01 * abstract; claims; fi)	1,2	H01R13/658 H01R13/514		
A	US 6 319 061 B1 (CHEN 20 November 2001 (2001 * abstract; claims; fi	-11-20)	1,2			
A	US 5 266 038 A (NAKAMU 30 November 1993 (1993 * claims; figures *		1,2			
Α	US 6 139 367 A (YEH JO 31 October 2000 (2000- * claims; figures *	EL JYH-HAUR) 10-31) 	1,2			
				TECHNICAL FIELDS SEARCHED (Int.Cl.7)		
				H01R		
	The present search report has been					
Place of search		Date of completion of the search		Examiner		
	The Hague	22 March 2005	Dui	urand, F		
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure		E : earlier paten after the filing D : document cit L : document cit	after the filing date D: document cited in the application L: document cited for other reasons			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background		E : earlier paten after the filing D : document cit L : document cit	E : earlier patent dooument, but published on, or after the filing date D : dooument oited in the application L : dooument cited for other reasons & : member of the same patent family, corresponding			

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 03 25 0887

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-03-2005

Patent documen cited in search rep		Publication date		Patent family member(s)		Publication date
US 6224422	B1	01-05-2001	TW	426242	Υ	11-03-200
US 6319061	B1	20-11-2001	TW	488568	Υ	21-05-200
US 5266038	A	30-11-1993	JP JP GB	2513945 5002386 2257576	U	09-10-199 14-01-199 13-01-199
US 6139367	Α	31-10-2000	CN TW	2409650 433574		06-12-200 01-05-200

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82